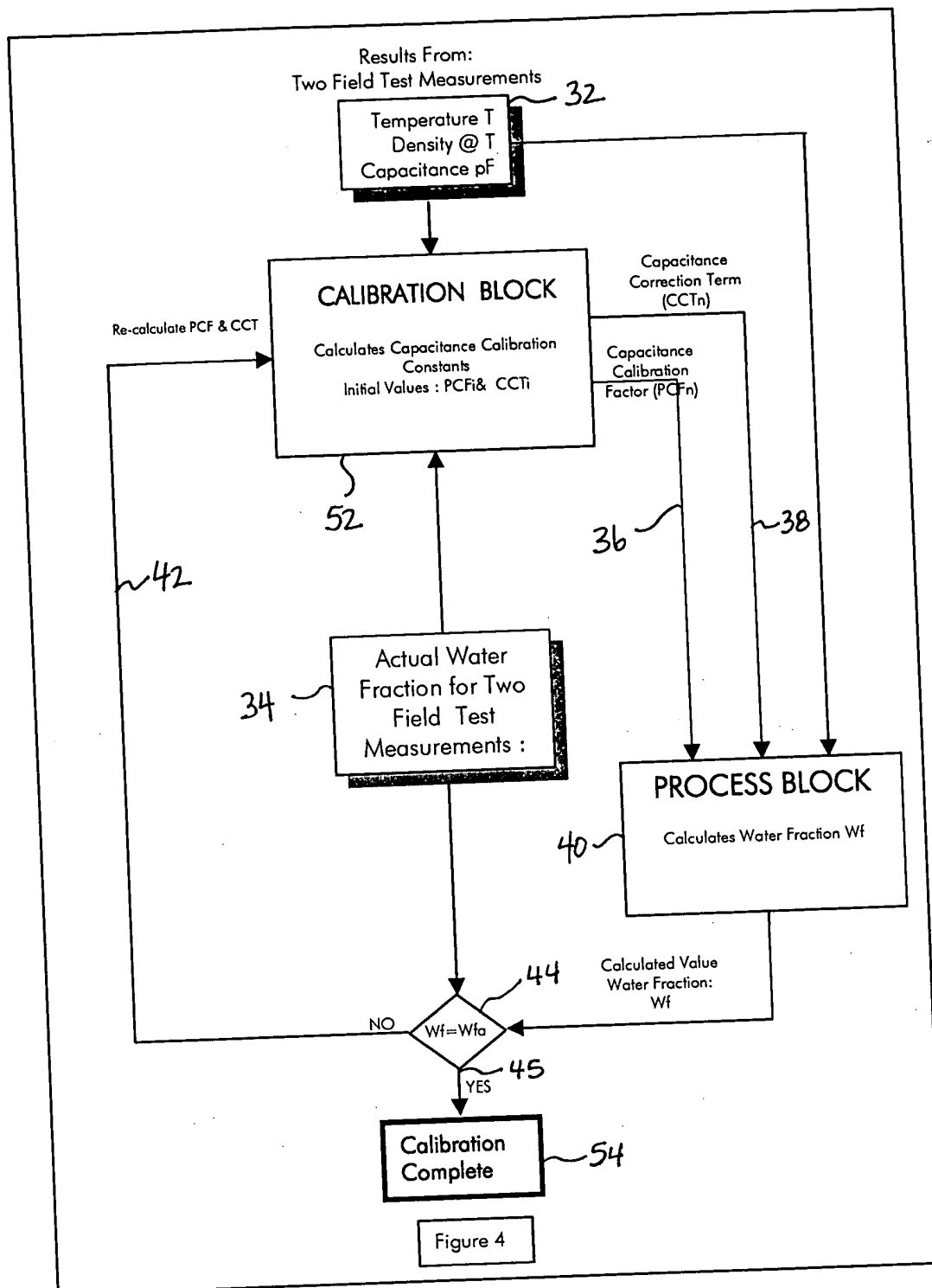
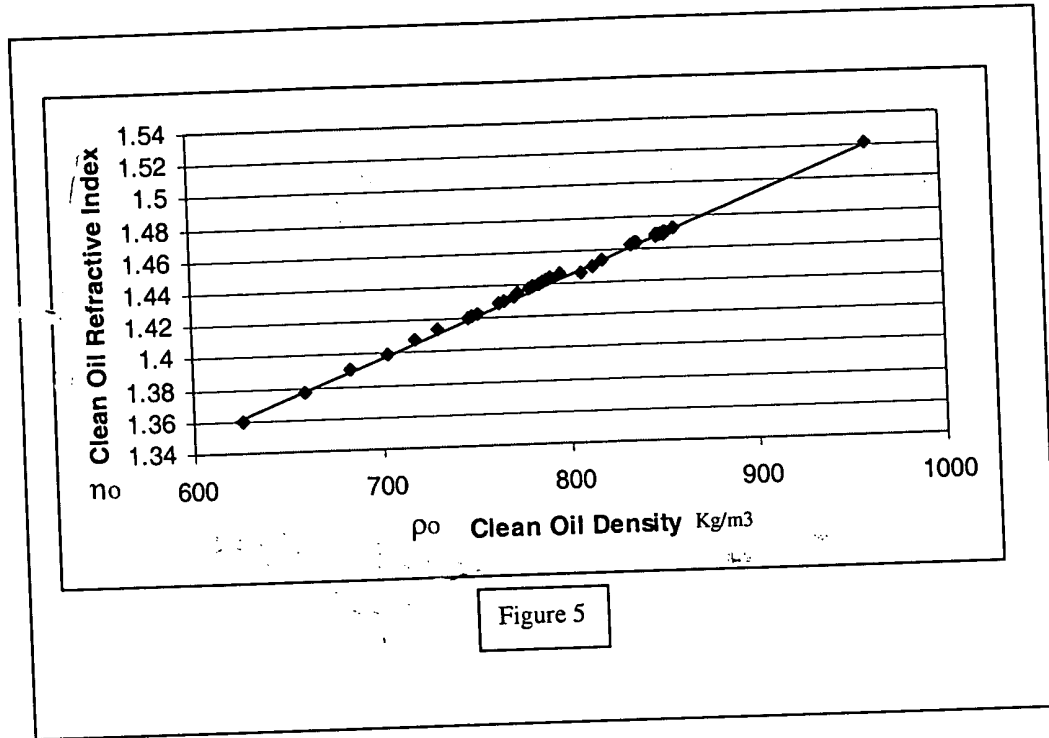


Figure 3





	Description of Process and other Variables used for Calibration	Batch 1	Batch 2
1	Measured Density of the Emulsion	ρ_{e1}	ρ_{e2}
2	Measured Capacitance of the Emulsion	$MpFe1$	$MpFe2$
3	Actual Water Content of the Emulsion	$Wfe1$	$Wfe2$
4	Indicated Water Content of the Emulsion before Calibration	$Wfi1$	$Wfi2$
5	Measured Temperature of the Emulsion	$T1$	$T2$
6	Initial Value of the Probe Correction Factor	$PCFi$	$PCF1$
7	Initial value of the Capacitance Correction Term	$CCTi$	$CCT1$
8	Calculated Value of Refractive Index to obtain $Wfe1$, $Wfe2$	η_{e1}	η_{e2}

Figure 6

